

# METHODS AND APPARATUS FOR OBTAINING LOCATION INFORMATION IN RELATION TO A TARGET DEVICE

## 5 ABSTRACT OF THE DISCLOSURE

Mechanisms and techniques provide a system for obtaining and providing location information related to a target device. The system transmits a location request message onto a network towards a target device. Each node in a network, possible including the target device, can respond with a location signature message containing location information associated with a plurality of different location information services. Each location information service provides location information having a different location granularity in relation to the target device. The system processes the location information for at least one of the location information services in the location signature message to derive a location of the target device in relation to at least one desired location granularity. By receiving location information of different types and different location granularities from different nodes in the network, and possibly from the target device, a location requesting application can derive an accurate location of the target device.